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## SECTION HEADING

### ELEC 2235: National Electric Code IV

#### Description

National Electric Code IV examines the National Electrical Code Requirements for Commercial and Industrial installations. Determine grounding and bonding requirements. Examine definitions and installation concerns in hazardous locations.

#### Credits

2

#### Prerequisite

ELEC 1205

#### Topics to be Covered

1. Raceways and materials
2. Equipment grounding and bonding
3. Hazardous Locations

#### Learning Outcomes

1. Determine equipment grounding conductor size
2. Determine grounding electrode conductor size
3. Examine IMC and rigid metal raceways
4. Calculate pull box sizing
5. Evaluate Class I location definition and requirements
6. Evaluate Class II location definition and requirements
7. Evaluate Class III location definition and requirements

#### Credit Details

Lecture: 2

Lab: 0

OJT: 0